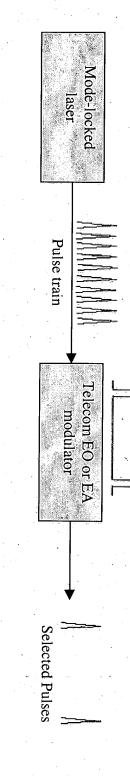
Drawings:



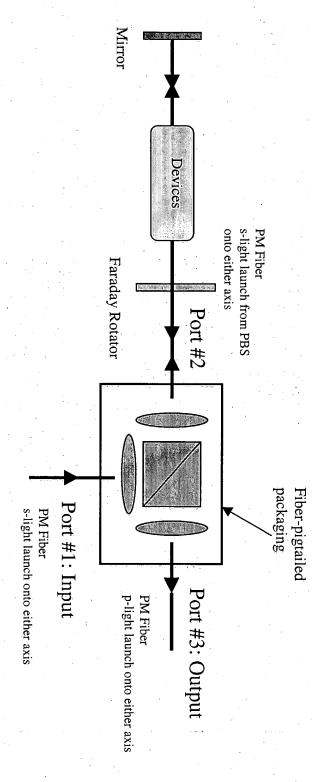


Fig. 2b: Beam Router B Fig. 2a: Beam Router A Faraday Rotator Mirror Devices s-light launch from PBS onto either axis PM Fiber Port #2 packaging Fiber-pigtailed Port #1: Input Port #3: Output p-light launch onto either axis PM Fiber

s-light launch onto either axis

PM Fiber

.

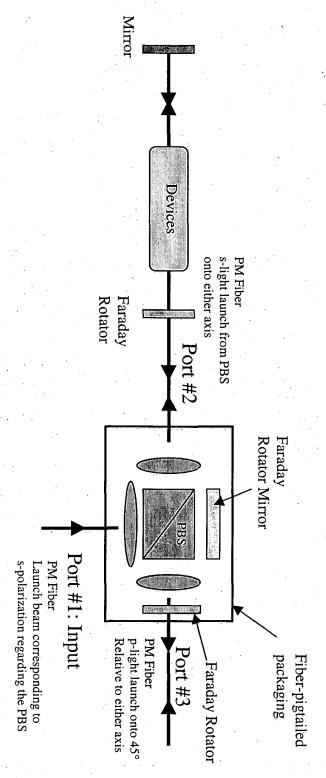
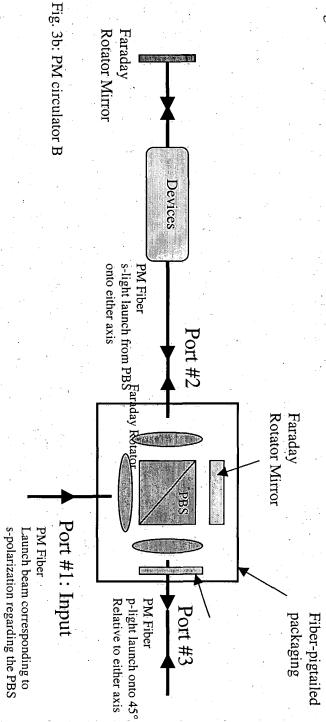


Fig. 3a: PM circulator A



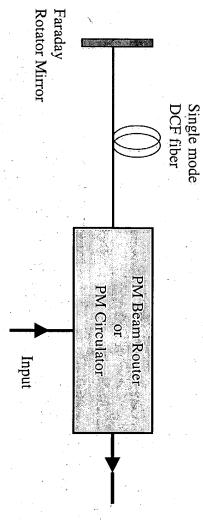


Fig. 4a: PM stretcher from non-PM fiber

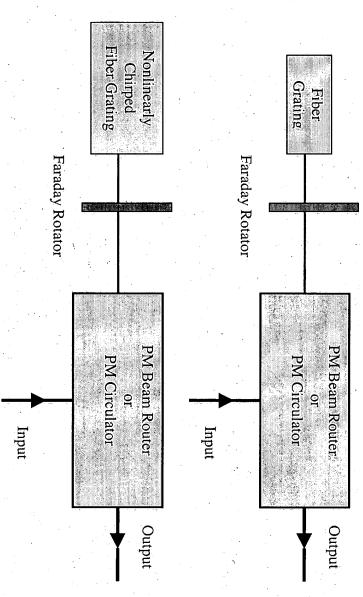


Fig. 4b: PM Stretcher from non-PM fiber grating

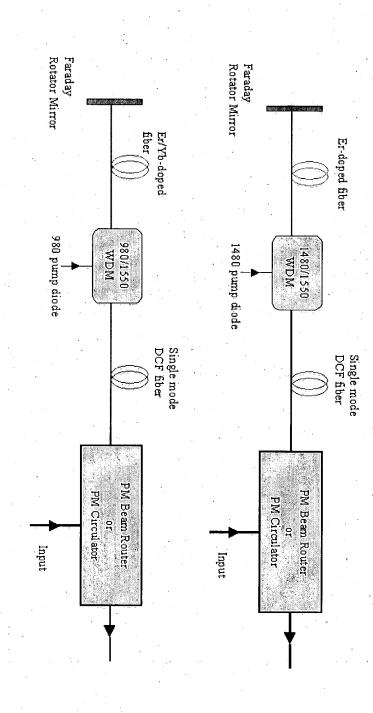


Fig. 5: Stretcher and Pre-Amp together

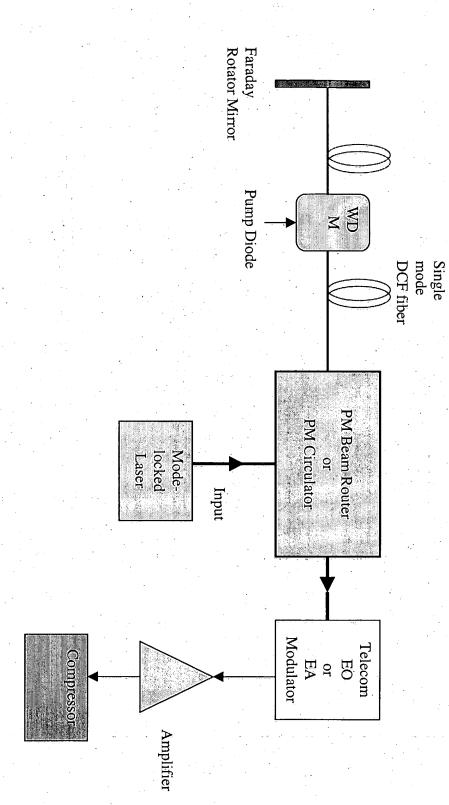


Fig. 6 Chirped Pulse Amplifier System #1

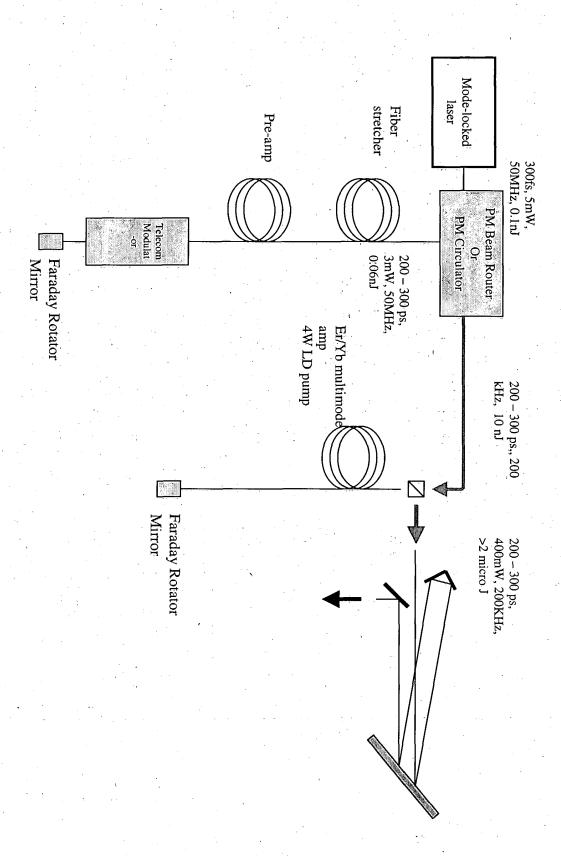


Fig. 7: Chirped pulse amplifier system #2: Modulator can be added into the double pass if it is polarization-insensitive

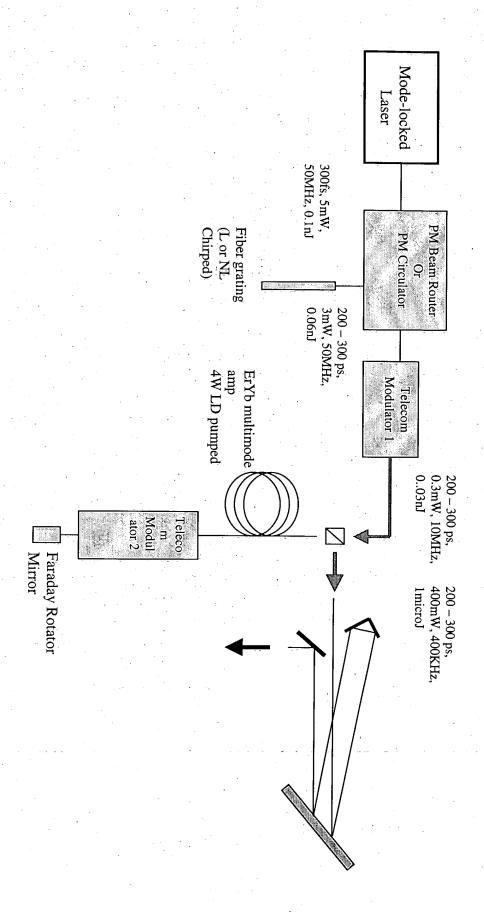


Fig. 8: Chirped Pulse Amplifier System #3: Double modulator for double pulse selector

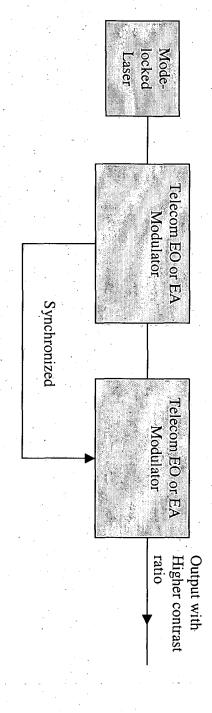


Fig. 9: Cascaded modulator for high contrast ratio output

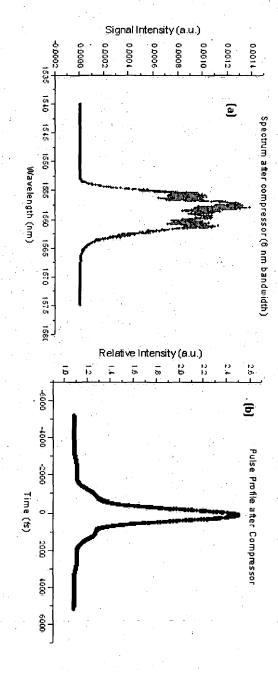


Fig. 10: Spectrum and pulse profile after compressor